

Replacement Sheet

Generating an optical packet of data pulses

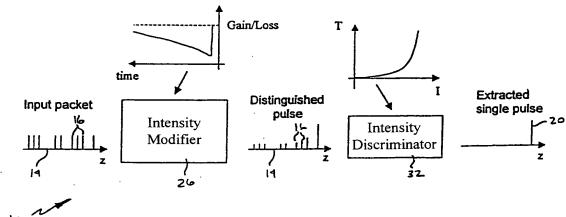
10

Figure 1

(without a distinctive synchronization marker) Transmitting the packet to a routing node via an optical transmission pathway Duplicating the packet Modifying a seed pulse (selected from among the data pulses within the packet) to be opticallydistinguishable from the remaining data pulses Discriminating the modified seed pulse from the remaining data pulses within the packet

Synchronizing an operation of the network involving the packet using the modified and extracted seed pulse

Figure 2





Replacement Sheet

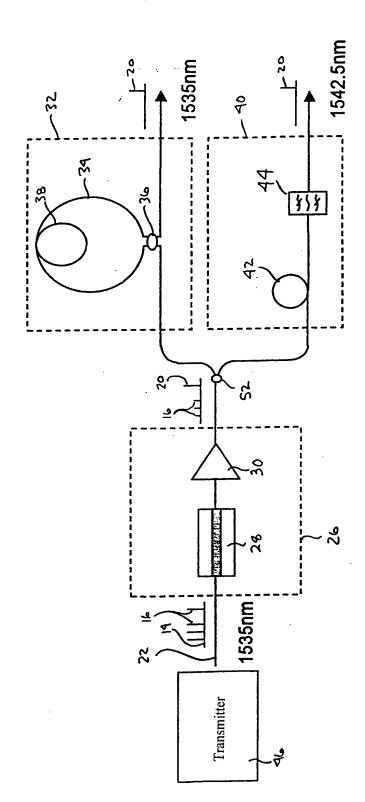


Figure.

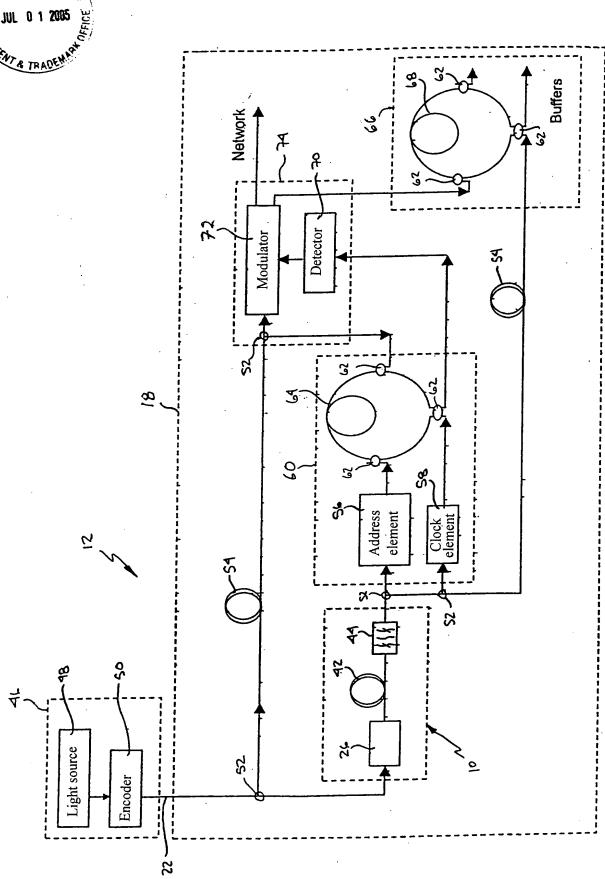


Figure 4